

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES REPLACING THE EXISTING SB RED SIGNAL AHEAD STRUCTURE AND LED SIGN. US 13 IS ASSUMED TO RUN IN A NORTH -SOUTH DIRECTION.

II. INTERSECTION OPERATION

THE INTERSECTION IS EQUIPPED WITH A EIGHT PHASE FULLY-TRAFFIC-ACTUATED CONTROLLER HOUSED IN A BASE MOUNTED CABINET. THIS INTERSECTION WILL OPERATE IN A NEMA SIX (6) PHASE FULLY-TRAFFIC-ACTUATED MODE WITH BOTH NORTHBOUND AND SOUTHBOUND US 13 MOVEMENTS OPERATING CONCURRENTLY. EASTBOUND AND WESTBOUND MD 363 MOVEMENTS ALSO OPERATE CONCURRENTLY.

THE CONTACT PERSONS FOR DISTRICT #2 ARE AS FOLLOWS:

Mr. Gene Cofield  
Assistant District Engineer - Traffic  
Phone: 410-677-4040

Mr. Bruce Poole  
District Utility Engineer  
Phone: 410-677-4082

Mr. James Wright  
Assistant District Engineer - Maintenance  
Phone: 410-677-4010

Mr. Richard L. Daff Sr.  
Chief, Traffic Operations Division  
Phone: 410-787-7630

THE CONTACT PERSONS FOR CONECTIV:

Mr. Chris Smith  
P.O. Box 1739  
Salisbury MD 21802-1739  
Phone: 410-860-6036

EQUIPMENT LIST 'A'

EQUIPMENT TO BE FURNISHED BY THE SHA.

ITEM NO.	QUANTITY	DESCRIPTION
9000	1 EACH	CABINET "G" TYPE POLE MOUNT
9005	16 S.F.	SHEET ALUMINUM SIGNS 1 EACH - W3-3 SIGN (48"x48") POLE MOUNT
9012	1 EACH	2 CIRCUIT FLASHER

EQUIPMENT LIST 'B'

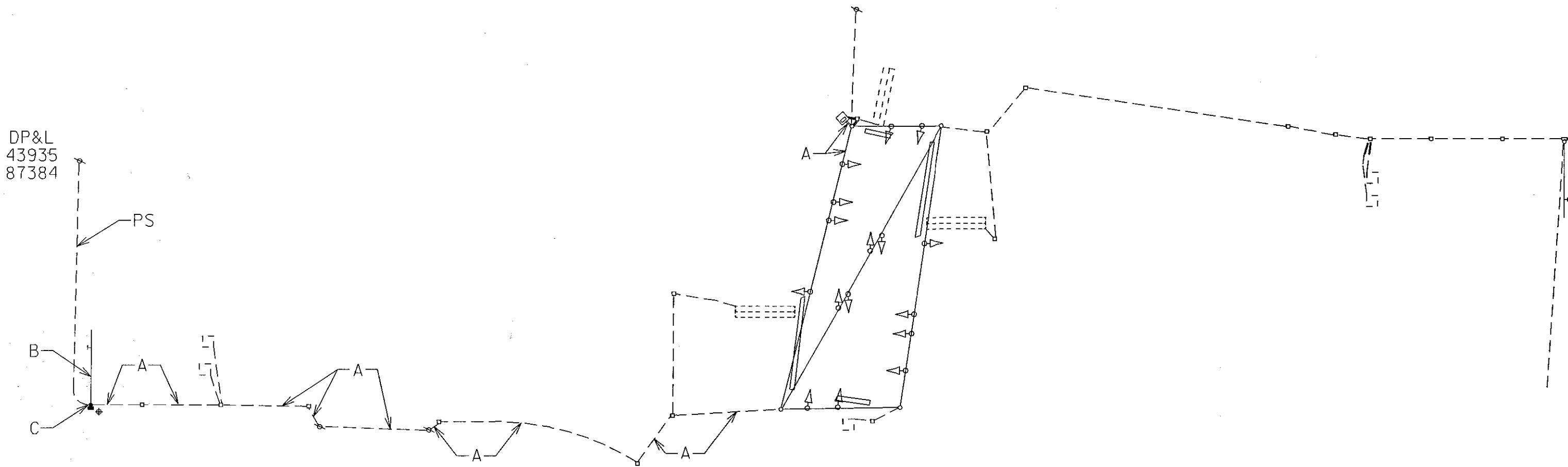
EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
6005	35 L.F.	TRAFFIC BARRIER W-BEAM
6007	1 EACH	SPECIAL TRAFFIC BARRIER W-BEAM END TREATMENT
6008	1 EACH	TRAFFIC BARRIER W-BEAM TRAIL END ANCHORAGE
8020	1 EACH	F&I CONTROL AND DISTRIBUTION EQUIPMENT FOR SIGNAL
8031	1 EACH	F&I PHOTOCELL
8047	1 EACH	REMOVE AND DISPOSE FOUNDATION 12 INCH BELOW GRADE
8048	1 EACH	REMOVE AND DISPOSE MATERIAL AND EQUIPMENT
8051	10 L.F.	3 INCH PVC SCHEDULE 80 CONDUIT - TRENCHED
8052	175 L.F.	F&I 4 INCH PVC SCHEDULE 80 CONDUIT BORED
8057	5 C.Y.	F&I CONCRETE FOR SIGNAL FOUNDATION
8060	20 L.F.	F&I NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8075	16 S.F.	INSTALL OVERHEAD SIGN
8080	1 EACH	F&I GROUND ROD - 3/4 INCH DIAMETER x 10 FOOT LENGTH
8083	35 L.F.	F&I ELECTRICAL CABLE - 3 CONDUCTOR (NO. 14 AWG)
8084	60 L.F.	F&I ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
8092	1 EACH	INSTALL CONTROLLER AND CABINET - POLE MOUNT
NEG.	5 S.F.	RELOCATE EXISTING POLE MOUNTED SIGNS
NEG.	10 L.F.	PULL BACK AND RE-ROUTE INTERCONNECT CABLE
NEG.	1 EACH	F&I 60"x60" RED SIGNAL AHEAD SIGN
NEG.	1 EACH	F&I MAST ARM POLE (60 FT. SERIES) WITH 22 FT. T DIMENSION AND 35 FT. BUTT SECTION ONLY

EQUIPMENT LIST 'C'

EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

ITEM NO.	QUANTITY	DESCRIPTION
NONE		
ALL REMOVED MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR		



WIRING DIAGRAM

A = USE EXISTING 12-PAIR COMMUNICATION CABLE  
B = 5-CONDUCTOR CABLE (NO. 14 AWG)  
C = 3-CONDUCTOR CABLE (NO. 14 AWG)  
PS = OVERHEAD POWER SERVICE

PHASE CHART

NO CHANGE IN CURRENT OPERATION



STV Incorporated

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MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION

GENERAL INFORMATION  
US 13 and MD 363

DRAWN BY: AMT	F.A.P. NO.	SEE TITLE SHEET	TS NO.	
CHECKED BY: MTS	S.H.A. NO.	0422153183	384 F	
SCALE: NONE	COUNTY: SOMERSET	T.I.M.S. NO.	F389	SHEET NO.
DATE: 11/02	LOG MILE: 19001313.42			2 OF 2